The Chemical Age

Index to Volume LXXIV — January to June, 1956

A

Abstracts, scientific .. 383
Acalor forms Dutch subsidiary .. 1330
Accident prevention in industry .. 1183
  Joint consultation article, by A. G. Thomson .. 341
  Personal factor .. 535
Accidents & diseases, industrial .. 202
  Factory, 1954 .. 29
  Industrial .. 27
  Office .. 344
Acetylene, uses in the future discussed .. 1430
ACHEMA Chemical Congress .. 240
Acheson Colloids Ltd., build plant in Netherlands 953
Activated carbon from peat .. 965
  Project .. 334
  Recommended as odour remover .. 1279
Active minerals available in UK .. 534
Agents or representatives overseas; selection, training & control .. 239
Air; pollutants, tracing .. 635
  Pollution Control Association, annual meeting 999
  Pollution Control Association, 49th annual meeting .. 1328
Albamycin soon available .. 1376
Albright & Wilson Ltd. .. 40, 692, 812, 1192, 1339
  At BIF .. 847
  Group of early employees .. 1441
Alginate Industries Ltd., acquire harvesting ship .. 1137
All-glass smoking machine .. 798
Allied Colloids' extensions .. 491
Aluminium Ltd. .. 757
Aluminium project; Olin Mathieson .. 442
Amber Chemical Co. Ltd. .. 246
Amber Chemical Industries Ltd., oil, expansion programme .. 895
Amber Oils Ltd., new company formed .. 895
American Chemical Society; Dallas meeting .. 1117
  Survey of members .. 993
p-Aminosalicylic acid (PAS), US Tariff Commission hearing .. 625
Ammonium chloride preparation, print of old process .. 1438
Analysis, quantitative organic .. 435
Analytical chemists .. 731
Analytical techniques, modern .. 633
Anchor Chemical Co. .. 552
Anglo-American Corp. of South Africa .. 898
Anniversaries in 1956 .. 13
Antibiotics research .. 1332
Anti-waste campaign, ICI .. 202
Apex (Trinidad) Oilfields .. 353
Apprenticeship scheme .. 747
APV-Paramount Ltd., at BIF .. 854
Argentine contract for UK .. 1130
Armour chemicals, production begins in UK .. 1362
Armour & Co. Ltd., European agents visit Lancs plant .. 1268
Armour Research Foundation .. 281
Ashe Chemical Ltd. .. 1292
Ashworth, Arthur, Ltd. .. 700
Aspro Ltd. .. 308
Association of British Pharmaceutical Industry; annual dinner .. 1061
  Annual general meeting .. 1086
  Veterinary division .. 297
Associated Electrical Industries .. 712
Aswan Fertiliser Plant .. 647
Atlas Titanium formed .. 254
Atomic energy; Agreement .. 34
  As a career .. 214
  Research establishment .. 1328
  Research establishment, course on electronic instruments .. 1140
  Research site .. 1007
Atomic Fission; insurance of .. 941
  Oil processes by Standard Oil Co. .. 1434
  Training, German .. 348
Atoms; Electrons & industry, exhibition organised by SIMA at Bristol .. 1270
  For peace .. 1167
  And the Universe .. 623
Australian; Coal gas .. 604
  Iron & steel research .. 36
  Nylon plant .. 492
Austrian scholarships .. 956
Automatic Coil Winder & Electrical Equipment Co., Ltd., The .. 1071
Automatic gas washer .. 1326
Automation; Meeting .. 1360
  Powerful brake .. 1134
Avogadro, centenary of death .. 1265

B

Babcock & Wilcox Ltd. .. 1098
Bagdad Atomic Centre .. 254
Bailey, Sir W. H., & Co. Ltd. .. 706
Baird & Tatlock Ltd. .. 1071
  Appointed suppliers to UKAEA .. 1378
Bakelite Ltd. .. 1018
  At BIF .. 847, 854
  Change Midland address .. 1378
Baker, C., of Holborn Ltd. .. 1071
Battelle; Enamels developed .. 338
  In Europe .. 389
  Institute prediction .. 1020
Batteries manufacture .. 256
Baldwin Instrument Co. Ltd. .. 1072
Balfour, Henry, & Co. Ltd. .. 347
Baxter Laboratories move .. 712
Bayer building titanium dioxide plant .. 637
Beaverbrook Fellowship .. 347
Beck, R. & J., Ltd. .. 1072
Beilby, Sir George, memorial fund .. 605
Belgian fertilisers .. 254
Bellingham & Stanley Ltd. .. 1072
Bengers Ltd., at BIF .. 850
Benn Brothers Ltd., dividends .. 248
Benzole plant fire .. 1238
Berk, F. W., & Co. .. 916
  Record year in 1955 .. 1086
Berne Union, conference ends .. 1236
Bessemer centenary .. 1229
Birthday Honours for industrialists and scientists 1269
B. & K. Laboratories Ltd., organise instrument show .. 1234
Blending Machine Co. Ltd., permanent magnet filter units .. 144
Blythe colour works .. 814
Boake, A., Roberts & Co. (Holdings) Ltd. 543, 1340, 1468
  at BIF .. 847
  Widnes factory .. 336
Board of Trade, Standards Department .. 805
Boiler, new packaged .. 395
Boiling brine baths, constant level device .. 143
Bolton, Thomas, & Sons Ltd. .. 705
Boots Pure Drug Co. Ltd. .. 338, 501, 1468
  At BIF .. 847
Borax Consolidated Ltd. .. 501, 812
  Forms US company .. 1067

At BIF 848, 854
Change of name 1091
Borax (Holdings) Ltd. 1292
Bourne Chemical Industries Ltd., new address .. 1378
Bowmans Chemicals Ltd. 354
Bradford Dyers' Association, The 866
Brazil polythene expansion 492
Brazilian nitro-fertilisers 546
British; Acetylene Association, annual luncheon .. 1431
Association, 118th Annual Meeting .. 949, 1336
Association of Chemists, salary recommendations 432
Benzol & Coal Distillation Ltd. 354
Carbo Norit Union Ltd. 334
Ceca Co. Ltd., to produce activated peat .. 965
Celanese; Hope to open Deeside plant .. 1183
Trade Mark 603
Chemical & Dyestuffs Traders Association, AGM 1176
Chemical Prices .. 301, 494, 753, 957, 1186, 1457
Chrome & Chemicals (Holdings) Ltd. .. 1098
Plans affected by credit squeeze 1130
Chrome & Chemicals Ltd., at BIF 848
Disinfectant Manufacturers' Assoc. Elections 749
Drug Houses Ltd., The 1244
At BIF 848
Dyewood Co. Ltd., The, at BIF 848
Glues & Chemicals Ltd. 214
Hydrocarbon Chemicals Ltd. 253
At BIF 849
At Grangemouth 1235
Industrial Plastics Ltd., new address 1091
Industrial Solvents, reduce prices 1377
Industrial Measuring & Control Apparatus Manufacturers' Association, annual luncheon 293
Industrial Plastics Ltd. 757
Industrial Solvents, at BIF 849
Industries Fair 1956, ... 386, 841, 847
Iron & Steel Research Association, 12th annual report 1287
Nicotine Co. Ltd., The 700
Oxygen Chemicals Ltd.; at BIF 848
Extend Melamine plant 1378
Vandike p.v.a. 1013
Oxygen Co. Ltd. 607, 1098
New works 805
Project 310
Publish titanium welding leaflet 1135
Welsh tonnage oxygen plant 1091
Oxygen Gases Ltd., ethylene regulator .. 1373
Service Department 478
Petroleum Co. Ltd., The 256, 1191
Bitumen expansion 954
Expansion of Grain site 1183
Grain refinery 1274
Llandarcy refinery 1444
Reforming Unit, Aden 708
Petroleum Group, subsidiaries renamed .. 1429
Plastics Federation 788
Conference at Torquay 1238
Refrasil Co. Ltd., The, at BIF 854
Standards 650
For solvents 1386
Glassware 965
New 707
On driers for oil paints 1385
Steel Castings Research Association 543
Titan Products Co. Ltd.; joint SA venture .. 1092
Titanium Pigment Story, film 1278
Trade Fair in Finland 805
Visqueen Ltd., new Visqueen film 1088
Bromination for fungicides 1221
Brotherton & Co. Ltd.; Assets increased .. 1013
Centenary 759
At BIF 848
Open day 35, 283
Brown & Forth Ltd., appointed Du Pont agents .. 1013
Brunner, Mond Winnington works, photographs in 1884 1443
BSA Group, research centre 1073
Budget, The, 1956 939
Burma Pharmaceutical Industry, temporary production unit 198
Burmah Oil Co. Ltd. 1290

BOOK REVIEWS—

Burroughs Wellcome & Co., at BIF 848
Bush, W. J. & Co. Ltd., at BIF 849
Butyrate pipe production 1365
BX Plastics Ltd., at BIF 847
Advanced Organic Chemistry 489
Analysis of Minerals & Ores of the Rarer Elements, The 251
Anti-Composition Tables for Carbon Compounds 541
Biochemistry—an Introductory Text Book .. 400
Catalysis; Vol. 3 639
Cellulose & Cellulose Derivatives 602
Chemical Constitution of Natural Fats, The .. 1011
Chemical Engineering; Vol. 2 399
Chemical Trade Names & Commercial Synonyms 598
Chemie und Technik der Vitamine 399
Chemische Industrie der Welt, Die 859
Chemistry of Living Cells, The 598
Chemical Pilot Plant Practice 597
Comprehensive Inorganic Chemistry; Vol 4 .. 804
Dechema-Monographien, Nos. 283-292, Vol. 24 444
Nos. 293-310, Vol. 25 1180
Determination of Toxic Substances in Air, The 1453
Distillation in Practice 1180
Errors of Observation & Their Treatment .. 33
Fight for Food, The 295
Glass 1283
Handbuch der Microchemischen Methoden .. 1381
Guida Dei Principali Prodotti Chemici .. 600
Hydrogen Ions 1181
Hydrogen Peroxide 906
An Index of Mineral Species & Varieties Arranged Chemically 639
Industrial Fermentations; Vol. 2 906
Industrial Research 1956-1957 1453
International Committee of Electro-Chemical Thermodynamics and Kinetics 443
Introduction to Chemical Engineering 296
Kunststoffe; Ihre Verwendung in Industrie und Technik 296
Leather Finishes 295
Lithium Aluminium Hydride in Organic Chemistry 251
Official Methods of Analysis of the Association of Official Agricultural Chemists 34
Metallurgical Thermochemistry 599
Methoden der Organischen Chemie .. 542, 1181
Micro-Organisms—The Chemistry of 541
Papierchromatographie der Kondensierten Phosphate, Die 1381
Paint & Varnish Manufacture 599
Physical Chemistry (Moore) 1011
Physical Chemistry (Adam) 1454
Physical Chemistry of Hydrocarbons 1381
Plastics for Corrosion-Resistant Applications 859
Plastics Progress 640
Polishes & Cleaning Materials 1282
Porphyrin Biosynthesis & Metabolism 597
Practical Organic Chemistry 907
Proceedings of the International Conference on the Peaceful uses of Atomic Energy, Vol. 3 601
Vol. 2 1182
Progress in Organic Chemistry 252
Quantitative Inorganic Analysis: A Laboratory Manual 905
Quantitative Methods of Organic Microanalysis 1382
Rational Approach to Chemical Principles .. 443
Solubilization & Related Phenomena 33
Spectrochemical Abstracts 803
Synthetic Ion-Exchangers 489
Third Dimension in Chemistry, The 803
Treatise on Inorganic Chemistry 1335

C

Cadmium poisoning 692
Calder works symposium 1332
California Texas Corp., to build UK refinery .. 1130
Callow Rock Lime Co. Ltd., at BIF 850

Cambridge Instrument Co. Ltd., The 1074
Photographs of original works 1440
75th anniversary 1340
Cambridge rocking microtome, original model .. 1442
Canada; Chemical industry 20
Crude petroleum output 258
Industrial expansion 941
Canadian; Asbestos output record 348
Atomic development 912
Cement output 544
Chemical industry 604
Chemical investments 1385
Chemical output 1136
Chemical prices 593
Chemical production 1455
Chemical survey 402
Chemicals 13, 300, 745
Detergent plant 479
Expansion 282
Industries Ltd. 806, 962
Ammonia plant 189
Hydrogen peroxide plant 954
Plant at Hamilton, Ontario 1279
To market Alkathene HD 892
Industry, US dominance 282
National exhibition 895
Nylon resins 544
Oil Co. Ltd., to expand petrochemical manufacturing facilities 1239
Oil production 492
Orlon plant 748
Phosphorus plant 486
Plastics 442
Research 738
Synthetic rubber need 254
Can-tile 404
Carbide & Carbon Chemicals Co. 544
Carbide, Indian 846
Carbon paper, US substitute 132
Carboy truck 1134
Carless, Capel & Leonard Ltd., at BIF 849
Carter, B. & F., & Co. Ltd., annual holiday .. 1384
Cathode ray polarograph 1377
CCF record output 707
Celanese Corp. of America 647, 1142, 1290
Cellulube series expanded 152
Establish graduate fellowships 1365
Major expansion 1014
Making trimethylolpropane 1184
New European address 1365
Cellulube fire resistant synthetic oils 801
Cellulose derivatives, solutions 191
Census of production 305
Ceramic materials for ultrasonics 630
Cerebos Ltd. 1018
Chair of chemical engineering at Glasgow RTC .. 1448
Chemical; Abstracts, new service terms 1117
& Allied Stocks & Shares 305, 500, 752, 961, 1190, 1464
Compounds, automatic analysis 170
Education 279
Engine 630
Engineer, training in fuel technology 185
Engineering chair, Manchester University .. 208
Engineering Group of SCI, AGM 1276
Exports 1221
Exports for November 15
December 292
January 527
February 733
March 1000
April 1224
May 1461
Feeds 525
Industry; calling you 583
European, OEEC report 17
South India development programmes .. 181
UK, 1955 129
UK, 1956 129
US 204
Industries, 25th Exposition 249
& Insulating Co., The, at BIF 854
Output in Canada 1136
Patents, US 533
Plant production in Texas 1384
Prices, British .. 301, 494, 753, 957, 1186, 1457
Processing & equipment 490
Production in Canada 1455
Production in Germany 1321
Recruiting, booklet 583
Research Laboratory, report for 1955 .. 1309, 1338
Shares in 1955 196
Society; elections 807
Special publications 214
Standards wanted? 1273
Training awards 401
& Feeds Ltd.; new address 1273
New company formed 864
Chemicals for the soil 1165
Chemisorption symposium 1232
Chemistry & medicine 1361, 1428
Chemists; At work 993
Salaries, BAC recommendations 432
Chemstrand Ltd., new Acrilan fibre plant .. 1378
Chilean sulphur for Britain 446
Chipman Chemicals Ltd. 291
Chlorine; Dioxide process 1373
Hazards 1315
Chrome chemicals plant, plans may be affected by credit squeeze 1130
CIBA, new dye 204
Cinema-Television Ltd. 1074
Clayton Dyestuffs Co. Ltd., The, at BIF 849
Clover Paint & Composition Co. Ltd. 1144
Clyde Tube Forgings Ltd., growth of company .. 1086
CNS Instruments Ltd. 1074
Coal & chemical engineering 1329
Coalite & Chemical Products Ltd. 1384
At BIF 849
Coates Brothers & Co. Ltd. 1142
Cocker Chemical Co. Ltd., The, at BIF 849
Colman, J. & J., Ltd. 550
Colour intermediates, prices reduced 1377
Colour schedule, new 450
Combining for Research, joint publication of DSIR & COI 1263
Commercial Solvents (GB) Ltd., at BIF 850
Committee on synthetic detergents 1364
Commonwealth Oil Refineries Ltd., BP investments 1434
Complexones: some recent developments .. 1232
Compoflex Co. Ltd., open new London office .. 1241
Consolidated Zinc Corp. Ltd.; annual report .. 1284
7th AGM 1226
Construction Chemical Co. Ltd. 552
Contract for Kellogg International 642
Control of DSIR 889
Control of synthetic detergents 1364
Conversazione at Royal Society 1119
Conveyor belt, new type 336
Cooper, McDougall & Robertson 1100
Cooper's sheep dipping powder, print of original factory 1437
Copper; Deficiencies in soils 891
In Foods, Recommended Limits 485
Copying machine 895
Corday-Morgan award 707
Corrosion; By hydrogen sulphide 744
Prevention, coating and cathodic approaches .. 1118
Proof Products Ltd., Midland office 253
Cosmetic Chemists, Society of 337
Cow, P. B., & Co. Ltd. 962
Crop spraying, mobile units 388
Crosfield, Joseph, & Sons Ltd. 697
At BIF 849
Crystallisation of sparingly soluble organic acids .. 483
Cuban fertiliser figures 348

D

Dagger to indicate footnote, use of 1265
Dapon, new resin exported 492
Daura refinery in operation 1184
Davey, Paxman & Co. Ltd. 395
Daw Instruments Ltd. 1074
Dawson, McDonald & Dawson Ltd., at BIF .. 854
DDT, toxicity tests 385
Dead Sea minerals project 1434

Dechema annual congress 540
Discussions 714
Degreasing, automatic 644
Degussa 1098
Dempster, R. & J., Ltd. 703
Department of Industrial & Forensic Science (Northern Ireland) 1378
Department of Scientific & Industrial Research .. 889
Annual Report 729
Appointment 410
At BIF 855
Letter 1430
Report on automation 1134
Work on radiation sterilisation 1136
DF Developments Ltd., wave pulse generator .. 1174
Detection of photochemically formed radicals by magnetic resonance 1316
Detergents; Liquid 333
Profits drop 1129
Developments in scientific instruments, survey of recent 1071
Dewcel, intrinsically safe 1329
Dexion Story, The 861
Diamonds as radiation counters 1360
Diploma in technology 1170
Distillation; Progress in 1955 145
Unit, all-glass, manufactured by QVF 1269
Distillers Co. Ltd., The, at BIF 849
Distillers Co. (Biochemicals) Ltd., The, factory strike 297
Dobbie McInnes Ltd. 1074
Dodecylbenzene, new plant 335
Dominion Tar & Chemical Co. Ltd. 814
Doran Instrument Co. Ltd. 1074
Doulton & Co. Ltd. 916
Dow Chemical bring legal actions 594
Dowty Nucleonics Ltd. 32
Draeger-Werk, breathing apparatus 1288
Driers for oil paints, British Standard 1385
Dunlop Rubber Co. Ltd. 1191
Awards 253
Donation to SAC 1373
Research centre 1364
Du Pont of Canada Securities Ltd. 1384
Du Pont de Nemours & Co. Inc.; Licence to Glyco Products Co. 1092
New laboratories 1138
Open elastomers laboratory 1278
Plan British plant 996
Record sales 710
To build Canadian hydrogen peroxide plant .. 1138
Undertakings 248
Durham; Chemicals Ltd., at BIF 850
Raw Materials Ltd., at BIF 850
Dutch chemical industry 142
Dutch soda company, new 912
Dyeing of Acrilan/acrylic blends 1446
Dyeing anniversary 735
Dyer memorial lecture 347
Dyers' essay competition 734

E

Edwards High Vacuum Ltd. 1075
Effluent disposal 744
Egyptian fertiliser plan: 748
Eimco (Great Britain) Ltd., solve marmite problem 949
Ekco Electronics Ltd. 1076
Elastomer process 636
Electric Reduction Co. 486
Electro-Chemical Engineering Co. Ltd.; Measuring plate ductility 1380
New address 1429
New factory 911
Electrochemical research in India 1317
Electro Methods Ltd. 1076
Electronic author 334
Electronic Instruments Ltd. 1076
Electro-plating industry, survey 1332
Elga Products Ltd., miniature deioniser 901
Elliot, H. J., Ltd., at BIF 855
Emulsion-coated paper 132
English Clock Systems 1077
English Glass Co. Ltd., works holiday 1332
Epistrip paint remover 1235
Esso Petroleum Co.; Build first UK hydroformer 1232
Chemical department 858
Expansion 846
Esso Research Ltd. 1068
Ethanolamine unit, Dow Chemical Co. 714
Ether bottles 434
Ethylene oxide trend 858
Ethylene; Plant project by Imperial Oil 1430
Regulator 1373
Ethylenediamine tetra-acetic acid 1232
European Federation of Chemical Engineering .. 743
European Productivity Agency, may be continued 1433
Europe's energy requirements, OEEC report .. 1357
Evans Electroselenium Ltd. 1077
Evans Medical Supplies Ltd. .. 696, 866, 1142
Appeal allowed with costs 1226
New subsidiary formed 1236
Evans, Norman, & Rais Ltd. 695
Evaporator, climbing film 171
Evershed & Vignoles, at BIF 856
Exemptions from KID 861
Expansion in NZ 402
Expansion plans, Norway's 708

F

Factories, chief inspector's report 29
Fairy Dyes Ltd., move to London 953
Faraday Medal award 808
Fawcett-Finney Ltd., at BIF 855
Fawcett, Preston & Co. Ltd., at BIF 855
Felling Chemical Works, old print 1439
Fellowship in chemical engineering 1448
Fernhurst Research Station, plant protection conference 1173, 1366
Fertiliser; Exports 1062
Industry, attacks in Parliament 843
Plan for Rhodesia 1322
Plant, South Africa 32
Production 334
& Use 237
Profits 995
Works at Leith, new 1233
Fertilisers, OEEC report 1311
Fibreglass expansion 641
Fielden Electronics Ltd. 297, 705
Midlands office 35
Finney Presses Ltd., at BIF 855
Fire; detecting system, Pyrene 801
Extinguisher, dry 344
Protection Association, give advice on titanium 1324
Retardant yarn 446
Research Board; annual report 1221
Investigate industrial fires & explosions .. 1231
Firmin & Son, old print of citric & tartaric acid processes 1438
Fisons Ltd.; At BIF 850
Levington Research Station 1061
SA fertiliser plant 32
The Phosphorus Story 429
Fisons Pest Control Ltd., at BIF 850
Fisons Properties Ltd. 550
Flaig, W. G., & Sons Ltd. 1077
Flameproof; Annunciator 738
Clothing 1359
Fleck, Sir Alexander, at opening of Cleveland Technical College 1287
Flexibles Advisory Service, Compoflex Co. Ltd. .. 151
Flexibox film 802
Fluon price reduced 706
Fluoridation of water 844, 1008
Fluorides, toxic effects of 1279
Fluorine; Disposal of 1168
Hazards 1315
Fluorocarbons, produced by Imperial Smelting Corporation 1120
Food machinery & Chemical Corporation of the US 432
Foot Treatments (Chemicals) Ltd., polythene graduated measuring jugs 1270
Forth Chemicals, distillation column at Grangemouth 1444
Fraser, W. J., contract 401

French; Atomic pile 242
Petrochemicals 487
Freon; As film cleaner 1140
Silver Jubilee 477
Freons, new uses 891
Friedel-Craft catalysts in polymerisation techniques 529
Fuel; Efficiency 1117
Element Corrosion, Battelle Institute 184
Elements, US Plan 262
Research Station, new site 543
Technology, training the chemical engineer .. 185
Fullers' Earth Union Ltd., at BIF 850
Furoic acid 595
Properties of 951

G

Gallenkamp & Co. Ltd. 1078
Gardinol Chemical Co. Ltd., The, at BIF .. 851
Gas; Chromatography 1334
Coke, price increases 1235
From sewage waste 533
Purification & Chemical Co. 916
Purifier, new 347
Safety 27
Gear exhibition 800
Geigy Company Ltd., The 698
Develop optical whitening agent 1268
New pesticide 1288
Geigy (Holdings) Ltd. 354
Gemec Chemicals Co., new polythene plant at Grangemouth 1364
Genatosan Ltd. 35
At BIF 850
General Aniline & Film Corp. 858
General Chemical & Pharmaceutical Co. Ltd., The, at BIF 850
General Electric Co., new telephone number .. 1455
Geochemical method of dating matter 427
Geon p.v.c., output up 953
German; Chemical imports, increase 1321
Chemicals, slower progress being made .. 1169
Cosmetics 348
Steel record 708
Germany, chemical output 387
Gibbs flotation unit 1462
Glass; Exports increased 641
Output, UK 445
Research laboratories 543
Technology scholarships 35
Ware price reductions 744
Glaxo Laboratories Ltd. 916, 1142
Acquisition of Murphy Co. Ltd. 235
At BIF 850
Karachi factory 298
Glyco Products Co. Inc., to manufacture Du Pont products 1092
Glycyrrhetinic acid 35
Goodlake & Nutter 261
Goodrich-Gulf Chemicals Inc., make synthetic 'natural rubber' 1377
Goodrich Research Centre, man-made rubber .. 1431
Gordon, James, & Co. Ltd. 1078
Graduated measuring jugs in high density polythene 1270
Grange Chemicals Ltd. 335
Gray & Taylor Ltd., to close down 953
Greeff-Chemicals Holdings Ltd. 261, 552, 1192, 1468
Chairman's address 1268
Griffin & George Ltd. 1079
Guaiacol, synthetic, new manufacturing method 631
Gurr, Edward, Ltd., at BIF 851
Gurr, Edward, visit to Jugoslavia 1328
GWB Furnaces Ltd., at BIF 855

H

Haifa chemical output 402
Hall, M., & Co. Ltd., fertiliser plant contract .. 911
Hampshire, F. W. & Co. Ltd. 916
Hanovia Lamps 1079
Exhibition 337
Hard Aluminium Surfaces Ltd., at BIF 855
Hardman & Holden Ltd., at BIF 851
Open London office 942
Harrison memorial fund 1222
Harshaw Chemicals Ltd. 550
Harwell; Open days 747, 1328
Outstation 638
Hawker Siddeley Nuclear Power Co. Ltd. 208
Hazards of chlorine and fluorine 1315
Heat exchangers orders 538
Heat treatment practice, conference organised by BISRA 1009
Heavy chemical industry, survey of 18th & 19th centuries 1445
Heavy water, Australia to buy from US 1190
Hedley, Thomas & Co.; Report drop in profits .. 1129
University scholarship 1173
Hedon Chemicals Ltd., at BIF 850
Hepworth, B., Ltd., prices changed 35
Hercules Powder Co. Ltd. 246
Chosen for Project Vanguard 956
New directors 493
Hess Products Ltd.; Opening of new factory .. 1137
Produce Armour chemicals in UK 1362
Hickson & Welch (Holdings) Ltd. 354, 451, 1244
At BIF 851
High purity water 901
High speed photography, International Congress 950
Hilger & Watts Ltd. 812
Change of address 1288
Hill, Samuel, Ltd. 705
Hinchley memorial address 731
Honeywill-Atlas Ltd., at BIF 850
Hopkin & Williams Ltd., at BIF 851
Hormones aid latex yield 644
Howards of Ilford Ltd., new chairman 448
Hudnut, Richard, Ltd., open new laboratories .. 1313
Hypalon chemical rubber 336
Humanising science, curriculum, University College of North Staffs 1455
Hungarian; Chemical investment plan 1014
Chemical output 1229
Huntington, Heberlein & Co. Ltd.; New address 491
Orders for sinter plants 950
To use wet contact sulphuric acid process .. 1312
Hydroformer, first in UK 1232
Hydrogen; Atmosphere furnace 1365
Peroxide plant 954

I

Ilford Ltd. 552
Imperial Chemical Industries Ltd.; At BIF .. 851
Billingham Division, record year 245
Bulk delivery service 241
Buy Lancs farms 1378
Explosion at titanium plant 1323
Fertiliser plant 712
Fibres Division 528
Area offices 1091
Fire brigades win trophies 1429
In Lancashire & Cheshire 687
Nitric acid unit 388
Nobel Division, accident note 802
Pay increase 1183
Polythene plant for Sydney 492
Productivity up 242
Record sales in 1955 .. .. .. 1016, 1175
Russian visitors at Billingham 1429
Scholarship scheme 734
Scholarships 236
Transfers Glass Co. 260
Titanium 430
Visit to Moscow 250
Wage arbitration 858
Water needs 253
Worker rewarded 485
Imperial Oil Co.; Ethylene plant project 1430
Expansion 1014
Imperial Smelting Corp. Ltd.; Make stabilised SO_3 1093
Produce fluorocarbons 1120
Implications of colour, symposium 1429
Import duty, drawback 861

Indian; Electrochemical research 1317
Fertilisers 298
Fuel oils 604
N-P fertiliser 787
Newsletter 339, 481, 795, 1069, 1277
Pharmaceuticals & dyestuffs 604
Polythene project 642
Sugar plan 708
Uranium & thorium 36
Industrial; Accidents & diseases 202, 491
Chemistry in the service of medicine 1361
Diseases 635
Development Corp. of South Africa Ltd. .. 180
Fire Protection Association, AGM 1332
Fund for the advancement of scientific education in schools 897
Safety trophy 528
Chemicals, German 387
Inflation, restraints upon 477
Institution; Of Chemical Engineers, The, Examinations 808
34th annual meeting 942
Of Metallurgists, annual luncheon 1229
Of the Rubber Industry, conference 1274
Instrument display by SIMA 1174
Instrumental analysis, courses at MIT 999
Instrumentation analysis 743
Insuring atomic fission 941
International; Conference at NCB, Stoke Orchard 1329
Engineering congress 394
Instrument show 404
Nickel Co. 647, 1119
Investments in Canadian chemical industry .. 1385
Iodine detoxified 385
Ion Exchange; Advantages of 586
Resin 14
Ionising radiations 441
Iraq oil refinery 218
Iscon gets Indian contract 895
Isotopes Developments Ltd. 1080
Israel; Ammonia plant 256, 402
Expanding glass industry 954
Imports oil in bulk 1434
Plant in Operation 748
Plastics 544
Italian; Chemical Industry 896, 1322
Pharmaceuticals 16
Italy; Drops oil bill 806
First platformer 200

J

Jacket heating control 1326
Jamaica Stanolind Oil Co. formed 298
Japan-United States, trading agreement 1330
Jencons (Scientific) Ltd. 1080
Jenkins, Robert, & Co. Ltd. 704
Jessop, William, & Co. Ltd., at BIF 855
Jet fuels laboratory opened by Texas Co. .. 1266
Jobling, James A., & Co. Ltd. 1080
Johnsons; of Hendon Ltd., at BIF 852
Wax Products, new factory offices 1224
Jugoslavian chemical developments 1328

K

Karl Fischer titrations 252
Kaylene (Chemicals) Ltd., at BIF 852
KDG Instruments Ltd., change of address .. 1269
Kellogg, M. W., & Co.; Contract 604
Fluorocarbon rubbers prices reduced 1292
Joint contract with Petroleo Brasiliero SA .. 1124
Kelvin Hughes 1080
Kemball, Bishop & Co. Ltd., at BIF 852
Kent, George, Ltd. 1081
Kent refinery; Contract 746
Expansion 445
Kestner Evaporator & Engineering Co. Ltd.; Automatic gas washer 1326
Price reductions 310
Training scheme 898
Key Industry Duty; Exemptions 250, 340
List 32
Klinger, Richard, works expansion 1121
Knock-rating of petrol 546
Kurtz, Cropper & Co., old prints 1436, 1437
Kuwait oil refinery 402

L

Laboratories, new 543
Lacrinoid Products Ltd. 1292
Lambert Chemical Co. Ltd., open new laboratories 1313
Lancashire; & Cheshire, home of the British Chemical Industry 683
Tar Distillers, fire in Cadishead plant 1238
Lang, Mr. J. H. A., dismissal from ICI .. 1327, 1377
Lankro Chemicals Ltd. 698
Laporte; Chemicals Ltd.; at BIF 852
New chairman 493
Industries Ltd. 1339
Titanium Ltd., at BIF 852
Expansion 261
Increased prices 596
Leather science, 1955 153
Lederle, antibiotic plant 1090
Leeds University, new lectureships 861
Leitch, John W., & Co. Ltd., at BIF 851
Leonard thermostatic valves 1326
Level detecting device 742
Levington research station 1061
Library Association, The, publish book list .. 1386
Libyan oil concessions 446
Light oils duty 630
Liquid Systems Ltd., make Bowser products .. 1288
Lithium carbonate plant 1014
Lloyd, Howard, & Co. Ltd. 595
Manufacture furoic acid 951
Locker, Thomas, & Co. Ltd. 706
Loughborough Glass Ltd., at BIF 850
Lowe, Charles, & Co. (Manchester) Ltd. 700
Loyne Ltd. 704
Lubricant Study 484
Lung cancer drug, new 954

M

Macaulay, C. J. W., agent for US firms 432
McKechnie Brothers Ltd. 261, 406, 451
McKeen, John E., at meeting of BAC 1428
Macpherson, D., & Co. 607
Magnetic; Filter units 144
Resonance spectroscopy, techniques of 1316
Manchester; Chamber of Commerce chemical section report 200
Oil Refinery (Holdings) 1098
Man-made rubber, BF Goodrich development .. 1431
Manufacture of confectioners' glucose 1090
Marketing new discoveries 857
Manderstam, L. H., & Partners, Ltd. .. 606, 650, 862
Manesty Machines Ltd. 704
Marking techniques 452
Marine & Industrial Lubricants Ltd. 354
Marmite problem solved 949
Marston Excelsior Ltd., at BIF 855
Mataripe refining facilities 1124
Materials testing 1008
May & Baker Ltd., honour agents 1016
Measuring; Colour, paper at SLTC meeting .. 1314
Plate ductility 1380
& Scientific Equipment Ltd. 1081
Meat preservation 746
Mechanical; Engineering Research Laboratory, open days 1429
Handling exhibition 1117
Melamine plant extensions by BOC 1378
Menley & James Ltd., at BIF 852
Mervyn Instruments 1081
Metal hydride formation 152
Methylating Co. Ltd., The, at BIF 850
Metropolitan-Vickers Electrical Co. Ltd. .. 1081
Mexican sulphur industry, competing with US .. 1238
Microtechniques 398
Microvolumetric analysis discussed at SAC meeting 1337
Midland Silicones Ltd.; at BIF 852
Change of address 1288
Milan Fair, 34th 1322

Milk condensing, technology of 612
Milton Industrial Chemicals (London) Ltd., at BIF 852
Minerals, Transvaal 16
Minerva Detector Co. Ltd., new address .. 1013
Minnesota Mining & Manufacturing Co. Ltd. .. 895
Mitchell, L. A., Ltd. 704
Obtain rights from F. S. Gibbs Inc. 1462
Mitsui Petrochemicals Industries Ltd., to build petrochemicals plant 1124
Mobil Oil Co., construction of new laboratories begun 1232
Mond; Family group 1441
Nickel Fellowships 297
Monsanto; Chemicals Ltd. 607
At BIF 853
Laboratories 942
New offices in use 1233
Report for 1955 1230
Polythene negotiations 603
Montecatini Co.; At 34th Milan Fair 1322
Progress in 1955 952
Morgan Crucible Co., The 214, 1082
Old factory 1436
Murphy Chemical Co., acquisition by Glaxo .. 235

N

Nash & Thompson Ltd. 1082
National; Benzole & Allied Products Association, elections 1009
Coal Board laboratory 401
Council for Technological Awards, diploma in technology 1170
Industrial Fuel Efficiency Service 1117
Third annual refresher course 1322
Physical Laboratory; open day & annual report 1280
Symposium on direction of research establishments 1361
Plastics Exposition & Conference in New York, 7th 1184
Research Development Corporation 857
Service & the young scientist 1167
Natural; Gas search 386
Rubber, man-made 1377
Negretti & Zambra 607
Netherlands; Antilles exports 1361
Chemical industry 254
New scrubber and absorber, addition to Turner & Brown's range 152
New Year Honours 16
New Zealand; Casein pool 492
Salt harvest 402
Scheme dropped 298
Nickel; Industry, free world, 1955 198
Production Rising 1007, 1365
Nitrogen in photography 1223
Nomenclature, new drugs 334
North; American Cyanamid Ltd. 737
British Rubber Co., expansion of Scottish plant 1183
Norwegian; Chemicals 433
Industrial productivity 1365
Research; centre 1373
Fund 1330
Trade returns 1330
Whale oil 642
Nuclear; Centre for Asia 1365
Heat project in US 528
Laboratory 642
Magnetic resonance spectroscopy 1234
Reactions, application of fluidisation techniques 739
Reactor, Belgium's first 1168
Resonance spectroscopy, analytical applications 1316
Nugget Polish Co. Ltd. 550
Nuodeox Ltd., at BIF 850
Nu-Swift Ltd., trading agreement with US firm .. 1377
Nutritive value of flour 1170
Nylon; paper produced 707
Price reductions 814
Tyres, sales doubled 862

O

Ohio Oil Co., to form subsidiary 1138
Oil; Claim appeal 525
& Colour Chemists' Association; Dance .. 346
Dinner-dance 132
Eighth technical exhibition 627
18th annual meeting 1009
Luncheon 707
Technical exhibition 208
Technical exhibition 742
Consumption, 1955 record in UK 1274
Drilling, Israel 260
in West Derby 1378
Exploration licence granted to BP's French associates 1365
Exports, UK 347
From coal scheme 397
Preserving slug 208
Products, use of in UK 1311
Refinery to be built in UK 1130
Soluble organo-metallic compounds 243
Olin Mathieson Corp. 812
Chlorine dioxide process 1373
Future expansion 1330
Sales planning 1337
Sales up 1140
Synthesis gas plant 1330
Openshaw, W., Ltd., plan new factory 1091
Optical whitening agent developed by The Geigy Co. Ltd. 1268
Organic; Acids, crystallisation 483
Analysis, developments 165
Boron Association 253
Phosphorous Insecticides—A review 899, 1125, 1227, 1271, 1369
Syntheses 803
Organisation for European Economic Co-operation; Europe's energy needs 1357
Report on fertilisers 1311
Reports 11
Organotin chemistry 1183
Orlon; Output suspended at Du Pont works .. 1014
Plant project 446
Orr's Zinc White Ltd. 702
Osaka trade fair 758
Oxygen project at Middlesbrough 310
Ozokerite—origin, refining & characteristics .. 287

P

Paint wastage 787
Pakistan Industrial Development Corp. 862
Palestine Potash deficit 1434
Palfrey, William, Ltd., plan expansion 1280
Pan American Sulphur Co., annual report .. 952
Panorama Equipment Ltd., to market breathing equipment 1288
Paper & board production 626
Parasitic worms 385
Parliamentary & Scientific Committee, delegation visit West Germany 1279
Pascall Engineering Co. Ltd., new address .. 1000
Peers, J. & Associates Ltd. 197
Perkin; Centenary 488, 1435
Exhibition 1091, 1429
Memorial exhibition 1115
Original factory at Greenford Green, photograph 1440
Perlon, West German 358
Permali Ltd.; At BIF 855
Structure in wood laminates 1380
Permoglaze Holdings Ltd. 451
Permutit Co. Ltd., The 1468
At BIF 853
Pest infestation research 1433
Pesticides Group of SCI 1235
Petrie trust bursary 1332
Petrocarbon Developments Ltd., illustrated brochure 1340
Petro-Chem Iso-Flow Furnaces 546
Petrochemical; Phthalic anhydride 1131, 1177
Project in Japan 1124
Unit, Australia's first 1118

Petrochemicals Ltd. 693
At BIF 853
Investigating Ziegler process 942
Photograph of plant at Urmston 1444
Plant at Partington 1174
Petrochemsol Chemicals Ltd. 488
Petroleo Brasiliero SA, joint contract with Kellogg Co. 1124
Petroleum; Chemicals in France 1092
Information Bureau, statistics on use of oil in UK 1311
Pfizer, Charles & Co. Ltd.; Appoint UK distributors 445
Injunction 204
Phenol plant expansion by BA-Shawinigan .. 1434
Phillips; Chemical Co. 604
Petroleum Co. 526
Phosphate survey, NZ 708
Phosphorus; Compounds, analysis 589
Story, the 429
Phthalic anhydride from petrochemicals .. 1131, 1177
Physical Society Exhibition; 1956 .. 641, 1087
1957 1332
Pipe corrosion 731
Piperazine citrate 385
Plannair Ltd., blowers produced in France .. 1386
Plant; Engineers' Meeting 860
Protection conference, 2nd 1173, 1366
Plastics; Industry education fund 1462
Industry output 635
Record year 1130
Plessey Co. Ltd., The 1082
Plumbing materials 429
Polarographic analysis, trends in 1449
Pollution; Survey needed 1120
Trial by Jury 798
Polyamide-epoxy resin combination 893
Polyester filler, p.c.c. 244
Polymer; Processes 1333
Research 1059
Polyolefine plastics 526
Polythene; For building 746
High density 585
Low pressure at BIF 942
Monofil, made by Courtaulds 1016
Ointment base 156
Pipes 429
Plant at Grangemouth 1364
Sink trap 198
UK low pressure 253
Water pipes 583
Ziegler low-pressure patents 235
Polyvinyl chloride; Price cut 706
Pipes 429
Polyvinylpyrrolidone; Iodine 385
Semi-Commercial Production by BOC .. 626
Powell & Co., develop carboy truck 1134
Powell Duffryn Ltd. 40
Power Gas Corporation 552
Group review 1337
Power-Gas Corp. (Australia) Pty. Ltd., Semet-Solvay plant 1234
Power, world conference 260
Pratt, Mr. Geoffrey F. D., becomes editor of THE CHEMICAL AGE 1267
Premier Dyeing & Finishing (Holdings) 916
Presentation of science to the public, the 903
Price's (Bromborough) Ltd. 699
Price changes, Albright & Wilson Ltd. 1233
Production; Chemicals (Rochdale) Ltd. 700
Exhibition, 1956 .. .. .. 594, 911
Exhibition & conference 1091
Protective & decorative coatings 893
Pullman Incorporated 526
Purchasing Officers' Association, senior buyers' course 1288
Pye, W. G., & Co. Ltd. 1082
Pyrene Co. Ltd., portable foam appliance 1283
Pyrethrum demand, US 446

PERSONAL—

Adams, G. F. 38
Alanbrooke, Field Marshal Viscount 447
Andrade, Professor E. N. da C. 1320
Andrews, P. H. D. 1314
Aries, Dr. Robert S. 38
Armstrong, J. L. 545
Arnold, J. E. O. 1374
Bacon, Dr. J. S. D. 913
Banfield, Dr. F. H. 584, 643, 1237
Bartram, Victor G. 749
Batty, J. K. 605
Beaver, Sir Hugh 1139, 1185
Bedson, Professor Sir Samuel P. 1269
Benedict, D. B. 1374
Birkinshaw, Dr. J. H. 1374
Bloemgarten, Dr. H. 1096
Boothman, Air Chief Marshal Sir John Nelson 913
Bourne, Dr. E. J. 643
Bovill, P. J. C. 1139
Bowden, Frank P. 1269
Bowles, Dr. R. F. 1185
Bown, Raymond J. 1237
Brazier, S. A. 749
Brennan, John B. 1269
Bridgeman, R. 256
Brierley, A. C. 37
Brown, Major W. R. 955
Bryant, Charles J. 38
Bullard, Sir Edward 403
Busby, A. D. 349
Bullock, F. C. 1237
Bumstead, Captain Surrey D. 1447
Cairns, A. C. H. 1447
Caldwell, Dr. W. A. 1275
Campbell, Dr. A. H. 1275
Charlton, John R. 37
Chaudron, Professor Georges Leon 38
Cherwell, Lord 1320
Clarke, Sir Horace W. 1269
Cocker, Dr. Eric 1447
Cocker, Professor Wesley 1447
Cocker, Sir William 1447
Cockcroft, Sir John 955
Collinson, H. A. 1374
Coutts, D. K. 749
Cox, Sir Ivor 37
Cridland, Charles 349
Cryer, Norman 1320
Cumming, G. F. 403, 447
Cunliffe, Hon. Geoffrey 1096
Currie, Russell Mackenzie 1269
Davis, H. G. 37
Day, Kenneth 913
Denton, John 913
Diamond, Dr. W. E. de 643
Doherty, J. B. A. C. 38
Donaldson, J. W. 37
Eddy, Maxson A. 1237
Ellis, G. 1374
Engledow, Sir Frank 1275
Evers, Dr. William L. 1447
Fenton, Richard 1015
Fillipov, B. A. 1275
Fisher, J. G. 206
Fleck, Sir Alexander 1237
Forlin, J. E. 1275
Franklin, Benjamin 233
Frazer, Professor A. C. 1275
Garner, Prof. F. H. 807
Gass, Neville 256
Gavin, Sir William 1374
Gerard, Frank A. 349
Gibson, Sir Horace S. 1269
Gilham, Harold S. 1269
Gill, R. J. 1139
Givens, Harrison C. 864
Glinkov, Professor M. A. 1275
Goodlad, J. H. 37
Grainge, L. W. 1275
Grant, Gordon 1269
Gummer, R. H. 1185
Gysin, C. F. 1185
Hailey, Rt. Hon. Baron 1269
Hamilton, W. A. 545
Harrison, G. L. 349
Harvey, John E. 349

Hayman, Sir Graham 913
Hearn, A. J. 38
Henderson, Dr. James 206
Herford, Geoffrey V. B. 1269
Hewlett, Thomas H. 1374
Hickey, D. P. 1374
Hindle, Walter H. 1374
Hinton, Sir Christopher 863
Hirst, Professor E. L. 807
Howard, T. W. 448
Howard-White, F. B. 37
Howells, W. Spencer 1316
Hudson, Donald 1316
Hughan, S. 1374
Hume, Hubert Nutcombe 37
Hurran, W. J. 1275
Jackson, Basil 256
Jane, Dr. R. S. 749
Jenkins, William E. 709
Jephcott, Sir Harry .. 863, 1096, 1139, 1185
Johnson, R. S. 1275
Johnston, Dr. Franklin 1374
Jones, Professor Brynmor 256
Jones, E. A. 863
Judson, Frank 206
Kay, F. Gordon 1015
Keen, Sir Bernard 863
Kennedy, Dr. T. 1447
Last, C. C. 750
Lang, J. H. A. 1327, 1377
Law, Dr. G. H. 1374
Lawson, C. F. 1374
Leonard, Julian M. 1185
Lewis, Arnold H. 1269
Livock, F. R. 1374
Lloyd, A. 38
Lockspeiser, Sir Ben 863
Longman, J. B. 1314
Longuet-Higgins, Professor Hugh 709
McLean, Dr. Donald 38
McClure, H. B. 1374
Manning, Dr. John 1237
Martin, Thomas 1374
Massey, B. E. G. 1374
Merton, Sir Thomas 1269
Menzies, P. T. 545
Mitchell, G. O. 1320
Mitchell, Dr. R. 206
Morrison, William D. 1237
Mountford, R. C. 38
Nash, A. J. L. 1320
Neave, D. P. C. 206
Nicholson, Dr. J. R. 403
North, Dr. H. E. 38
O'Brien, H. P. 37
O'Brien, L. P. 493
O'Neal, E. A., Jr. 1447
Orme, J. A. 1374
Ough, T. D. 37
Palmer, H. W. 1275
Parkes, Geoffrey 1185
Paxon, F. J. 1094
Pearson, Dr. J. 349
Penney, Sir William 955
Pennington, J. H. 913
Pentz, P. G. 1374
Perry, Edwin R. 37
Perrycoste, W. B. C. 299
Pilkington, Arthur 255
Pilkington, Sir Harry 255
Pilkington, Lawrence H. A. 606
Pinder, R. J. 709
Pirie, R. T. 1275
Ponsonby, Col. Charles E. 206
Pracy, H. E. F. 403
Pratt, Christopher J. 605
Pratt, Geoffrey F. D. 1267
Raistrick, Dr. B. 1237
Ramanathan, Dr. Nateson 1320
Reid, Miles B. 206
Reith, Rt. Hon. Lord 37
Rhodes, Mark 447
Richkov, Professor 1275
Robb, C. A. 38
Robertson, Dr. Alan 38
Rogerson, J. L. 38
Rose-Smith, Dr. R. L. 403
Rumjanzov, Professor S. V. 1275
Rundle, A. W. 1374
Running, E. Arnold 1267
Russell, Hon. L. O. 1374
Rylands, J. R. 1185
Salter, J. 299
Schonland, Dr. Basil 709
Scott, C. 1374
Scott, W. Donald 1374
Segar, A. M. 1320
Sharp, William G. 1269
Shaw, Charles H. 1269
Shaw, Granville 1316
Sherwood, A. W. 38
Simon, Professor Sir Francis 1320
Sims, J. M. 955
Sleightholme, Dr. J. 206
Slocombe, C. M. 37
Smith, Daniel H. 1269
Smith, Sir Harold 1237
Smith, P. 38
Southwell, R. J. 749
Stacey, Professor M. 1447
Stewart, L. D. 206
Stickings, R. W. E. 1094
Still, R. Hart 38
Strachan, D. A. 38
Sutherland, Professor G. B. B. M. 403
Taylor, G. J. 38
Taylor, G. R. T. 1447
Taylor, H. J. 863
Taylor, Dr. Wilfrid 1275
Tearle, F. J. E. 37
Thackwell, E. J. 38
Thom, John G. 1096
Thomas, E. V. 1094
Thomas, Sir Miles 807, 1447
Tizard, Sir Henry 401, 493, 750
Toft, H. B. 38
Torochesnikov, Professor N. S. 1275
Tugman, Ralph E. 1269
Urey, Dr. Harold C. 349
Urquhart, Roderick A. 1269
Vickerstaff, Dr. T. 1320
Voelcker, Eric 1237
Walker, J. G. 1447
Ward, Percy R. W. 1269
Watt, W. W. 709, 749
Webb, A. 1094
Weizmann, Dr. Chaim 641
West, H. M. 1374
Weygandt, Arthur S. 1237
Wheeler, W. H. 1237
Wilkins, Dr. F. J. 206
West, Sir Harold 1139
Whittet, T. D. 1237
Wilkins, Dr. F. J. 255
Williams, Dr. E. G. 206
Williamson, C. R. B. 1139
Willson, Francis G. 1269
Wilmot, P. D. 349
Wilson, Dr. C. L. 299
Wilson, Sir Henry 38
Window, J. G. 37
Woodward, N. 1269
Woodward, Peter 1275
Woolley, Richard 807
Young, Marshall E. 1447

Q

Quebec Ammonia Co. 398
Queensland; Bans white lead 298
Uranium 604
Quickfit & Quartz Ltd. 543
At BIF 856
QVF; Apparatus at Utrecht 708
Exports up 707
Open German branch 714

R

Radiation hazards 131
Radiation sterilisation 1136
Radio-carbon dating 427
Rain-making experiments 681
Rayon record, US 648
Reactions of organo-metallic compounds .. 997
Reactor, first UK private 491
Reads Ltd. 705
Recent developments in scientific instruments .. 1071
Reckitt; & Colman Holdings 1290
& Sons Ltd. 550
Redfern's Rubber Works Ltd. 868
Reeds as source of chemicals 1452
Refinery at Anacortes, Shell Oil Co. 1452
Reichhold Chemicals Ltd. 962, 1244
Research; In the textile industry, symposium .. 950
Reactor in West Germany 1386
Reactors, new 358
Restrictive Practices Bill 477
Revertex Ltd. 501
Review in pictures of 100 years of chemical industry 1435
Rhodes, Brydon & Youatt Ltd. 347
Rhodesia-Nyasaland market summarised .. 1427
Rhodesian fertiliser plan 1322
Rideal research laboratories 943
Robinson Brothers Ltd. 354
At BIF 853
Rockware Glass 962
Royal Society; Conversazione 1119
New Fellows 713
Royal Technical College Glasgow, chair of chemical engineering 1448
Rubber & ceramics laboratory 642
Rubberised surfacing material 404
Rumanian; Foreign trade bulletin 1265
Reed harvest 1452
Running, E. Arnold, retires from editorship of THE CHEMICAL AGE 1267
Russell Constructions Ltd., mobile elevator .. 1016
Russia interested in Terylene & polythene .. 996
Russian visitors at ICI Billingham 1429

S

Sadler & Co. 1290
Safety; Anglo-American attitudes 331
Standards for titanium 1323
Safety First Products, trade agreement with Nu-Swift 1377
Salk vaccine, modified 297
Sasol; Annual meeting 41
Difficulties 1093
Extends petrol marketing 1267
Investments in 180
Saudi-Arabian oil production 954
Saunders Valve Co., at BIF 855
Schaffer Poidometer, UK rights 171
Science; Masters, address by ICI man 898
Presentation of 523
Review film 543
Students 131
Teaching in schools 897
v. Humanities 638, 679
Scientific & technical developments, US observation 281
Scientific Instruments, survey of recent developments 1071
Language, Swedish survey 625
Papers, reading of 785
ScientificInstruments Manufacturers' Association; Exhibition 248, 432
Bristol Exhibition 1270
2nd instrument display 1174
Scottish Agricultural Industries Ltd. 214
New fertiliser works 1233
Scottish Oils Ltd., stop production of shale oil .. 956
Sea-water evaporating & distilling plant, £1,250,000 order 491
Seaweed Research, Institute of 294
Segas plant for Kent 526
Self-adhesive labelling 797
Semet-Solvay plant, first in Australia 1234
Semon, Dr. Waldo L., of BF Goodrich, visits Britain 1124
Sharples expansion 861
Shaw Electronics 1082
Shaw Petrie Ltd., formation of company 1086
Shawinigan Chemicals Ltd.; Sulphuric acid plant 26
Expansion 484
Shawinigan Resins Corp., research building .. 172
Shawinigan Water & Power Co. .. 607, 962, 1339
Shell; Chemical Co. Ltd. 694
At BIF 853
Cautious about LP polythene 1068
Egham laboratories 1063
To market Silotex 291
Haven refinery gas 1274
Finance Jap oil refinery 446
Oil Co.; New Anacortes refinery 1452
Oil plan 298
Refinery at Hamburg, capacity to be trebled .. 1184
Petroleum Co. Ltd., film show 1428
Research Ltd. 1083
Research centre extended 1140
Solvents plant 642
Overseas shipments 892
Transport & Development Co. Ltd., development reviewed 1137
Silicone; Company formed 641
Resins, hardening 393
Silicones; For industry 401
The chemistry of 431
Simon-Carves Ltd. 1142
Aid in Indian contract 895
Record year 1452
Sinter plants, orders for 950
Size & Power, ICI & Unilever 1219
Smith, S., & Sons (England) Ltd. 1077
Smith & Walton Ltd. 308
Soap; Manufacture in 1840 1439
Manufacture in 1842, old print 1442
Production decrease 1330
Societe Auxiliare Thermochemique, new address 1232
Society for Analytical Chemistry; Elections 447, 710
54th meeting of physical methods group .. 1316
Joint meeting 1337
Society of Chemical industry; AGM of chemical engineering group 1276
Pesticides group 1235
Summer visit 1429
75th annual meeting 593, 956
75th anniversary 1435
Summer tour 179
Symposium 397
On yeast 1455
Society of Cosmetic Chemists, annual general meeting 1091
Society of Instrument Technology Ltd. 904
Society of Leather Trades' Chemists 1135
Symposium on vegetable tannins .. 35, 1001
West of England group 1314
Socony Mobil Oil 308
Sodium bicarbonate, Indian imports 28
Soil organic matter, constitution and properties .. 173
Solar still in Australia 1184
Solvent oil plant, Haifa 190
Southern Instruments Ltd. 1083
Cathode ray polarograph 1377
Southern Rhodesian lithium 744
Spanish atomic reactor 806
Spectrophotometric titrations 21
Spence, Peter, & Sons Ltd., at BIF 853
Stabilag jackets 1336
Standard Oil in Rotterdam 748
Stanton Instruments Ltd. 1084
Steel industry progress 179
Stevenson & Howell 1339
Stocks & Shares, chemical & allied 305, 500, 752, 961, 1190, 1464
Storey, Joseph, & Co. Ltd. 701
Photograph of Lancaster plant in 1900 1442
Straight through valve 1120

Sturge, John & E. Ltd. 244
At BIF 853
Styrene Co-Polymers freeze prices 350
Sublimation 843
Sulphonated coal 14
Sulphur, world trends 247
Sulphuric acid; Plant, biggest in British Commonwealth opened in Australia 1184
Production from hydrogen sulphide 1312
Output, Mexico 806
Returns, UK 396, 1089
Sundour Fabrics, Golden Jubilee 707, 735
Superphosphates Manufacturers Associations, conference 1137
Sweden's chemical industry 708
Swedish export market, attractions of 1359
Swiss chemical industry 1223
Switch, new flameproof 172
Symposium; On direction of research establishments (NPL) 1361
On yeast, SCI 1455
Synthetic; Detergents, control of 1364
Detergents, expansion since 1949 1425
Fibres 475
Syrian oil refinery 298, 642

T

Tall oil; Awards 636
Derivative, new 1375
Tannin research, Australia 490
Tanning agents, SLTC meeting 1135
Tatton, William, & Co. 1339
Tax on toilet preparations 1124
Technical; Education, White Paper 581
Man-power US recommendations 681
Publicity 429
Writing 523
Telegraph Construction & Maintenance Co. Ltd. 962
Television in chemical education 1427
Temperature; Control 200
Its measurement & control in science & industry 1282
Terylene; Dress made from 1265
Production, ICI & Fielden co-operation .. 200
Texas Co., The 712, 1100
Jet fuels laboratory 1266
Textile; Microtechniques 789
Scholarships 747
Trades Fair 1008
Thorium Ltd. 401
Tin Research, 1955 annual report published .. 452
Tinning & metal sequestration 479
Tintometer Ltd., The 1084
Titanic Ltd. 1144
Titanium; Corp. of South Africa 898
Dioxide, duty exemption 861
Dioxide plant 544
ICI lower prices 430
New process 214
Oxide plant, Canada 748
Pigment prices 431, 595
Safety standards 1323
Welding leaflet, published by BOC 1135
Titanium Ltd. 596
Toluene, benzene & nicotine as industrial hazards 799
Tonnage oxygen plant 543
Towers, J. W., & Co. Ltd. 1084
Townson & Mercer Ltd. 1084
Training courses at Oak Ridge 1168
Trinidad Oil Co. 1130
Trans-Canada pipe line 402
Turkish; Fertiliser plans 1361
Oil refinery 402
Turpentine, bulletin 594
Turner & Brown Ltd., new scrubber &'absorber 152
Typke & King Ltd., at BIF 850

U

Ultramicro-determination of zinc 1225
Ultrasonics Ltd. 1085
Ultrasonoscope Co. (London) Ltd. 1085
Ultra-violet equipment, Hanovia 337
Underground gasification 747
Underwater oil, search off Brunei coast 1365
Unicam Instruments Ltd. 1085
Unilever; & Unilever NV 866
Group 607
Sales increase 1062
Union Carbide; & Carbon Corp., plant contract 1292
Division, new 638
Nuclear Co., expansion programme 1434
Silicones division 432
United British Oilfields of Trinidad Ltd. 1191
United Kingdom; Buys US heavy water .. 707
Firm's India contract 432
Glass exports 911
Pharmaceutical exports 297
Sulphuric acid returns 1089
Synthetic rubber 802
United Premier Oil & Cake Co. Ltd. 866
United States; Boron minerals 708
Bromine sales 642
Carbon black 642
Chemical; Construction 745
Industry 712
Industry, safety record 1236
Companies plan merger 348
Copper sulphate in 1955 896
Farm policy 281
Fuller's earth 642
Iodine consumption 642
Japan, trading agreement 1330
Lead consumption 492, 748
Plywood veneers 254
Science survey 245
Selenium production 448
Soda ash 708
Sulphur industry 708
Sulphur production 348
Synthetic rubber; Dispute 492
Plant 36
To buy Belgian shares 254
To supply research reactors to Germany .. 1330
University; College, New engineering building .. 480
Of Leeds; Departments to be reorganised .. 1428
Higher technical education 732
Scholarship, to be awarded by Hedley's .. 1173
Uraniferous rare earth mineral, new 947
Uranium; Canadian find 1236
Factory, first in Argentina 1184
Found in Yemen 1434

V

Value of chemical exports, the 845
Vanadium output, US record for 1955 1333
Vandike p.v.a., British Oxygen Chemicals Ltd. .. 1013
Varley FMC 401
Vegetable tannins, symposium before SLTC .. 1001
Vest-pocket laboratory 1136
Vinyl; Propionate 446
Resin emulsions & their monomers 157
Visqueen Film, new and improved type 1088

W

Walker; Crossweller & Co. Ltd., jacket heating control 1326
Extract & Chemical Co. Ltd. 702
Warerite Ltd. 14
Warner Memorial Medal 1332
Warner, William R., & Co. Ltd., open new laboratories 1313
Waste; Materials, recovery 787
Oil pollution 525
Water; Effect of detergents 333
Fluorination 333
Pollution Abstracts, Vol. 28, 1955, index published 1235
Pollution Research Laboratory, report for 1955 1325
Supply, Petrochemicals Ltd. 202
Supply problem 13
Wave pulse generator 1174
Waxes; Some new sources 587

West German; Chemicals 806
Imports 604
Pharmaceutical industry 912
Progress 637
Westvaco; Mineral products division, to increase barium oxide production 1138
Phosphates output 857
Whessoe Ltd. 334, 1466
Get Argentine contract 1130
Whiffen & Sons Ltd., at BIF 850
White, A. J., Ltd. 445
Wiggin, Henry, & Co. Ltd., purchase fabricating plant 1378
Wilton Works, new plants 647
Wood laminates made by Permali Ltd. 1380
Woodstock Agricultural Research centre 1140, 1222
Extensions opened 1171
World; Metallurgical Congress 1236
Power Conference, the fifth 1168
Wyandotte Chemicals Corp. 432
Wynn (Valves) Ltd., produce 'straight-through' valve 1120

X

X-Lon Products 198

Y

Yardley & Co. 866

Z

Zeus & Zetre, research reactors 358
Ziegler process 942
Expensive 1068
Theory discussed 997
Zinc; Pigment Development Association, new chairman 493
Statistics, World 486
Ultramicro-determination of 1225
Zirconium; In US 246
Protection of 338

Printed by the Press at Coombelands, Ltd., Addlestone, Surrey